

Repower Systems AG

Management system for the operation of a wind turbine

Summary

- 5        The invention relates to a management system for the operation of a wind turbine, which regulates the power output of the turbine. The wind turbine comprises a rotor with at least one rotor blade that is positioned at an adjustable angle to the rotor. The management system regulates the rotor speed within a predefined wind speed range by varying the rotor blade angle in order to set a nominal output and reduces the output in
- 10        excess of a defined wind-speed-dependent threshold value. Said management system is characterized in that the threshold value is a defined rotor blade limiting angle.